## **Claims**

What is claimed is:

1	1. An electronic structure, comprising:
2	a substrate;
3	a semiconductor device electrically coupled to the substrate;
4	a stiffener ring adhesively coupled to the substrate, wherein the stiffener ring surrounds
5	the semiconductor; and
6	a cover plate on a top surface of the semiconductor and on a top surface of the stiffener
7	ring, wherein the cover plate is adhesively coupled to a portion of the top surface of the
8	semiconductor by a first adhesive, wherein the cover plate is adhesively coupled to a portion of a
9	top surface of the stiffener ring by a second adhesive, and wherein a modulus of the first adhesive
10	is less than a modulus of a second adhesive.
1	2. The electronic structure of claim 1, wherein the first adhesive has a modulus less than about
2	500 psi.
1	3. The electronic structure of claim 1, further comprising a heat sink, wherein the heat sink is
2	coupled by a third adhesive to a portion of a top surface of the cover plate.
1	4. The electronic structure of claim 3, wherein a modulus of the third adhesive is less than the
2	modulus of the second adhesive.

- 5. The electronic structure of claim 4, wherein the modulus of the third adhesive is about equal to 1 2 the modulus of the first adhesive. 6. The electronic structure of claim 4, wherein the modulus of the third adhesive is not equal to 1 the modulus of the first adhesive. 2 7. The electronic structure of claim 1, wherein the substrate has a compliance range of 10<sup>4</sup> psi to 1  $3x10^6$  psi. 2 8. The electronic structure of claim 1, wherein the semiconductor device includes a 1 2 semiconductor chip.
- 9. The electronic structure of claim 1, wherein the substrate is selected from the group consisting
- 2 of a chip carrier and a printed circuit board.
- 1 10. The electronic structure of claim 1, wherein the substrate comprises an organic material.

- 1 11. An electronic structure, comprising:
- 2 a substrate;
- a semiconductor electrically coupled to the substrate; and
- a cover plate on a top surface of the semiconductor, wherein the cover plate is adhesively
- 5 coupled to a portion of the top surface of the semiconductor by a first adhesive, and wherein the
- 6 first adhesive has a modulus less than about 500 psi.

- 12. A method for forming an electronic structure, comprising:
- 2 providing a semiconductor device;

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- 3 electrically coupling the semiconductor device to a substrate;
- adhesively coupling a stiffener ring to the substrate, wherein the stiffener ring surrounds
  the semiconductor device, and
  - adhesively coupling a cover plate to a portion of a top surface of the semiconductor device with a first adhesive and to a portion of a top surface of the stiffener ring with a second adhesive, wherein a modulus of the first adhesive is less than a modulus of a second adhesive.
- 1 13. The method of claim 12, wherein the first adhesive has a modulus less than about 500 psi.
- 1 14. The method of claim 12, further comprising a heat sink, wherein the heat sink is coupled by a
- 2 third adhesive to a portion of a top surface of the cover plate.
- 1 15. The method of claim 14, wherein a modulus of the third adhesive is less than the modulus of
- the second adhesive, wherein the third adhesive has a lower modulus than a second adhesive.
- 1 16. The method of claim 14, wherein the modulus of the third adhesive is about equal to the
- 2 modulus of the first adhesive.

- 1 17. The method of claim 12, wherein the substrate has a compliance range of  $10^4$  psi to  $3x10^6$  psi.
- 1 18. The method of claim 12, wherein the semiconductor device includes a semiconductor chip.
- 1 19. The method of claim 12, wherein the substrate is selected from a group consisting of a chip
- 2 carrier and a printed circuit board.
- 1 20. The method of claim 12, wherein the substrate comprises an organic material.